

Work Order ID 130877

March-26-15 1:26:16 PM

130877

Page 1

Item ID: D3969-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Prop

Stop ***NS2***

Start Date: 3/26/15 Start Qty: 10.00

10

Cust Item ID:

Required Date: 3/26/15 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: MLS Date: 150327

Tooling:

Date:

Run Start ***NR1***

QC: Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3969	C								

100

0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O:

27984

Order as per Dwg D3969

Possible supplier: LS Technologies

part#: SSA4/8-122-310-360N

Material release note is required

MLS15-04-01(10)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

10x 8015-048

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Picklist Print

March-26-15 1:26:16 PM

Page 1

Work Order ID: 130877

130877

Parent Item: D3969-3

D3969-3

Parent Item Name: Prop

Start Date: 3/26/15

Required Date: 3/26/15

Start Qty: 10.00

Required Qty: 10.00

Comments:

IPP RevA: new issue DD 09.11.30 verified by:EC
per revC DD 10.03.16 verified by:EC

IPP Rev:B as

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
SSA4/8-122-310-360N		Purchased			No	110	Each	0.0000	1	10			
SSA4/8-122-310-360N									**				
Gas Spring													

10x SP15-04-J.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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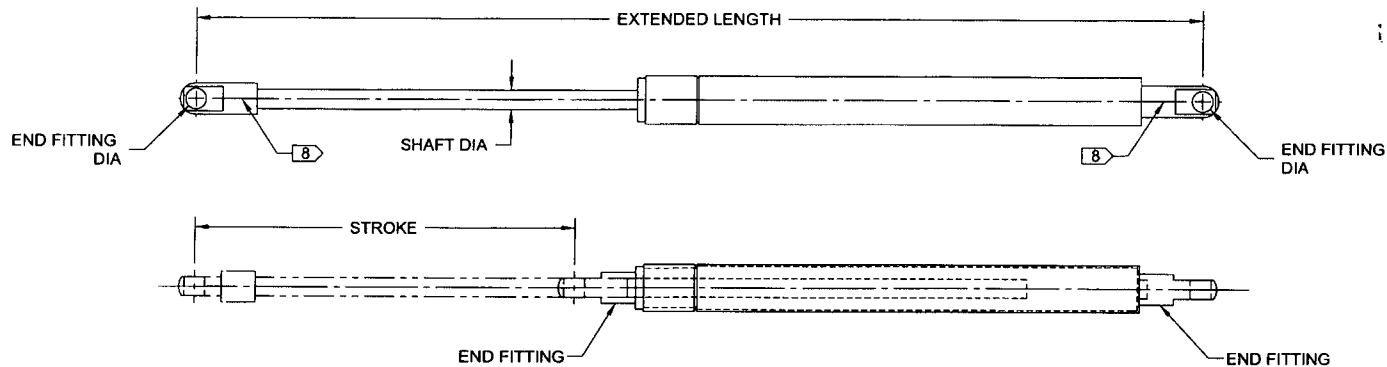
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SPECIFICATION CONTROL DRAWING



D3969-X SPRING

DART PART NUMBER	STROKE (mm/in)	EXTENDED LENGTH (mm/in)	SHAFT DIA (mm/in)	FORCE (N/lbs)	END FITTING TYPE	END FITTING DIA (in)	CASING MATERIAL	PREFERED SUPPLIER	SUPPLIER PART NUMBER	WEIGHT APPROX
D3969-1	120/4.70	315/12.40	6/0.24	310/69.7	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/6-122-315-310N	0.27 lbs
D3969-3	120/4.70	315/12.40	8/0.31	360/80.9	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/8-122-310-360N	0.32 lbs
D3969-5	120/4.70	315/12.40	6/0.24	133/29.7	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/6-122-315-133N	0.27 lbs

RELEASED
2010-03-12

NOTES:

- 1) MATERIAL: SEE CHART
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3969-X" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: SEE CHART
- 8) CRIMP END FITTING AT APPROXIMATE LOCATION SHOWN, PER MANUFACTURERS REQUIREMENTS

C	REDRAWN IN SW. ADDED -3 & -5; ADDED SHAFT DIA COLUMN TO CHART. FORCE FOR -1 CORRECTED (WAS 60.0 lbs)	JPH	10.03.04
B	DRAWING RENAMED WAS: GAS SPRING (BASKET LID). NOTE 8 ADDED.	AJS	09.11.10
A	NEW ISSUE	AJS	09.07.27
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	JP	DRAWING NO.	REV. C
MFG. APPR.	N/A	D3969	SHEET 1 OF 1
APPROVED	MD	TITLE	SCALE
DE APPR.	MD	BASKET LID SPRING	NTS
DATE	10.03.04	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT PERMISSION	

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27984**

Purchase Order Date 4/1/2015

PO Print Date 4/1/2015

Page Number 1 of 2

Order From :

VC-LST0001

LS TECHNOLOGIES INC.
314 JESSOP AVE
SASKATOON, SK S7N 1Y6
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 306 683 5000

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

EXW - (Ex Works)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	SSA4/8-122-310-360N AS PER DWG.D3969 REV.C B130877	Gas Spring	4/7/2015 Yes 4/7/2015		10.00 Each	\$65.00	\$650.00
Line Total:							\$650.00
2	SSA4/6-122-315-310N AS PER DWG.D3969 REV.C B131003	Gas Spring	4/7/2015 Yes 4/7/2015		7.00 Each	\$65.00	\$455.00
Line Total:							\$455.00
3	B6-190-475-070N AS PER DWG.D3552 REV.K B131110	Door Prop	4/7/2015 Yes 4/7/2015		10.00 Each	\$32.50	\$325.00

PO Instructions: Fedex Acc#151793240

Note:

4/1/2015

LS Technologies Inc
314 Jessop Ave
Saskatoon, SK S7N 1Y6

Packing Slip

Ph: 306-683-5000 Fax: 306-683-6403

P.O. No.	Date	Invoice #
27984	4/07/2015	13138

Bill to:
Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship to:
Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship	Via	FOB
4/07/2015		

Qty	Description
10	D3969-3 B130877 Stainless Gas Spring (SSA4/8-122-310-360N) LABEL WITH PERMANT INK MARKER ONLY - NO LABELS
7	D3969-1 B131003 Stainless Gas Spring (SSA4/6-122-315-310N) LABEL WITH PERMANT INK MARKER ONLY - NO LABELS
4	D3552-23 B131110 Gas Spring (B6-190-475-070N)
1	Shipping Via FED EX Tracking # 773312684304

Order checked by :





LS Technologies Inc
314 Jessop Ave
Saskatoon, SK, S7N 1Y6
Ph: (306) 683-5000 Fax: (306) 683-6403

Certificate of Compliance

April 7, 2015

This is to certify that the parts listed below meets specifications as required by your order.

7 Units: D3969-1 B131003 Stainless Gas Spring
10 Units: D3969-3 B130877 Stainless Gas Spring

4 Units : D3552-23 B131110 Gas Spring (B6-190-475-070N)

Country of Manufacture: Canada
Date of Manufacture : April 2014
This product is ROHS compliant.

Purchase Order 27984

Invoice # 13138

SP 15-04-8

LS Technologies Inc Canada

Nolan Fehr
Manager